

ABSTRACT OF THE DISCLOSURE

An apparatus of driving a light source for a display device includes a switching unit for selectively transmitting a DC input voltage, an oscillator for converting the DC input voltage into an AC voltage, and a transformer including a
5 primary coil and a secondary coil for boosting the converted AC voltage using mutual inductance and for providing the boosted voltage for the light source. The driving apparatus further includes a current sensor for sensing a current in the oscillator or the secondary coil, and a light controller for controlling the switching unit based on the sensed current by the current sensor and a dimming control signal from an external
10 device. Therefore, the current in the light source can be detected without a separate wire for connecting the light source and the light controller.